

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-6. (Canceled)

7. (New) A stick type cosmetic characterized by kneading and extrusion-molding a blend composition comprising at least an extender material and a raw material for forming a mesoporous material to form as a skeleton a mesoporous material to be a binder for binding the extender material by means of microwave heating or microwave heating and ultrasonic cleaning.

8. (New) The stick type cosmetic as described in claim 7, wherein the mesoporous material is at least one selected from the group consisting of oxide ceramics, nitride ceramics, phosphate ceramics, carbide ceramics, silicate ceramics and boride ceramics.

9. (New) The stick type cosmetic as described in claim 7, wherein the mesoporous material is a composite material of at least one selected from the group consisting of oxide ceramics, nitride ceramics, phosphate ceramics, carbide ceramics, silicate ceramics and boride ceramics and an organic substance and/or a metal.

10. (New) The stick type cosmetic as described in claim 7, wherein a mesopore of the mesoporous material has a diameter falling in a range of 2 nm to 1000 nm.

11. (New) The stick type cosmetic as described in claim 8, wherein a mesopore of the mesoporous material has a diameter falling in a range of 2 nm to 1000 nm.

12. (New) The stick type cosmetic as described in claim 9, wherein a mesopore of the mesoporous material has a diameter falling in a range of 2 nm to 1000 nm.

13. (New) The stick type cosmetic as described in claim 7, wherein it is a cosmetic pencil.

14. (New) The stick type cosmetic as described in claim 8, wherein it is a cosmetic pencil.

15. (New) The stick type cosmetic as described in claims 9, wherein it is a cosmetic pencil.

16. (New) The stick type cosmetic as described in claim 10, wherein it is a cosmetic pencil.

17. (New) The stick type cosmetic as described in claim 11, wherein it is a cosmetic pencil.

18. (New) The stick type cosmetic as described in claims 12, wherein it is a cosmetic pencil.

19. (New) A production process for a stick type cosmetic, characterized by kneading and extrusion-molding a blend composition comprising at least an extender material and a raw material for forming a mesoporous material to synthesize a mesoporous material to be a binder for binding the extender material described above at low temperature by means of microwave heating or microwave heating and ultrasonic cleaning, whereby a stick type cosmetic comprising the mesoporous material as a skeleton is produced.